

Charles P. Brush
Manager
Environmental Planning
and Regulatory Analysis

KOPPERS

May 30, 1984

Mr. Michael Dick
Texas Department of Water Resources
P. O. Box 13087
Capital Station
1700 N. Congress
Austin, TX. 78711

RE: Collingsworth Site
Houston, Texas
Status Report and Commitment for
Surface Clean-Up

Dear Mr. Dick:

This letter continues onward with the information provided about the Collingsworth Site in my letter of May 7, 1984. Koppers is now in receipt of the McClelland Report dated May 8, 1984 and has had a short time in which to review the collective information from its own file, the new base maps, and the accurate well and sampling locations as provided by McClelland.

For your information, I have enclosed one copy of the McClelland Engineer's Report dated May 8, 1984, along with half-tone prints of past aerial photographs of this site. I have also enclosed a new map prepared by Koppers on which I have tried to locate your areas of concern by accurate scaling of features from the old aerial photographs and use of old Koppers' drawings.

Logs from the Camp Dresser & McKee, Cavalcade Contaminant Survey Engineering Report dated July 11, 1983 have been used to provide additional information about the areas of concern on Koppers old site. In general the data tends to support an idea of local impact near the identified locations. Copies of individual logs have been reproduced and included with this submission.

Koppers' new map of this area also includes the location of monitoring wells and sampling locations when they are close to the areas of concern. We have identified paved areas to the extent we have current knowledge.

With respect to proposed action at this site, I have prepared an Appendix A to this letter which reviews briefly the information we now have about each of the five (5) areas of concern. The following is Koppers' proposal for action with respect to each identified area:

Area 1 - Koppers proposes no action. This location is 400 feet due north of our property and appears related to the operations of other parties.

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Area (2) - Koppers proposes to excavate and dispose of contaminated soils in the area identified in the aerial photographs and as located on the enclosed map. Excavation in this area will require Koppers to interact with current property owners in removal and replacement of a paved driveway used by the trucking firms on-site. Koppers will replace contaminated soils with clean fill and replace pavements as required by present owners.

Area (3) - Koppers proposes no action. This location has been under a paved parking area since at least 1964. Inasmuch as the entire area is covered with very thick, 6" to 10" pavement, which is extensive in size, and no direct information is present to suggest contamination, it appears that there is no human exposure risks and very little environmental exposure.

Areas (4) and (5) - Koppers proposes to excavate and dispose of contaminated soils in the area identified in the aerial photographs and as located on the enclosed map.

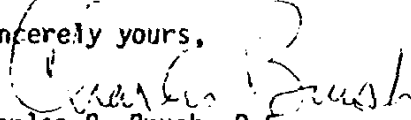
Koppers is presently planning to begin a soil boring program in the identified areas of concern to define the specific area and depth of contaminated soils and wastes to be removed. The expected date to begin on-site work is July 16, 1984. Koppers will observe soils for color and odor, and invites the State to be present to observe the investigation.

In addition to contaminated soil and waste removal, Koppers also proposed to sample and analyse nearby monitoring wells twice yearly for 30 months for the indicator parameter of naphthalene, and measure groundwater depths at each well. Results will be reported to the State within 45 days of sampling.

Koppers proposes to sample the deep well three times. Once initially at 18 months, and then at 30 months.

In keeping with our letter of May 7, 1984, we request your advice as to the form of agreement for purposes of our commitment to the clean-up and monitoring program.

Sincerely yours,


Charles P. Brush, P.E.

CPB/s
encl:
McClelland Report
Aerial Photos
Koppers' Map
Appendix A
Logs

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APPENDIX A

COLLINGSWORTH SITE - HOUSTON, TEXAS COMMENTS ON IMPACTED & SUSPECT AREAS

Location area entitled (1) is located some 400 feet due north of Koppers most northerly property line. Information we have gathered to date indicates this location was operated as a wood preserving operation other than Koppers.

Location area entitled (2) is located inside of Koppers' property line and first appears between the 1953 and 1964 aerial photographs. The area is roughly rectangular in shape, about 170 feet at its longest dimension and 110 feet at its widest dimension.

Boring No. CAV-OW-02 is located near the western edge of the area, but its log shows no sign of creosote or other waste. Boring No. CAV-OW-06 is located somewhat to the east of Area (2) and has indications of creosote odor. The log of Boring No. CAV-SL-04 is inside the scaled area and shows creosote wastes beginning at 6 feet in gray clayey fine sand. This combination of data suggests CAV-OW-02 was outside of Area (2) while CAV-SL-04 is in fact inside the Area.

The surface elevation at CAV-SL-04 is 51.1 feet and the groundwater was at 46.97 feet on April 3, 1984. The low water level recorded was 46.1 on May 17, 1983 in CAV-OW-02.

Koppers has not yet been able to identify the existence or nature of this apparent pond. It also appears that Area 2 is partly covered with existing pavement.

Location area entitled (3) is identified in 1951 drawings as a "pond." Although seen in the 1961 aerial photography, it is replaced in the 1964 aerial photograph with a paved parking area of the Meridian Transport Company. No sampling or monitoring wells are located within 350 feet of this area.

Location area entitled (4) appears beside an old concrete loading dock that has handled coal tar based paints and other tar products. A site investigation found "oily" soil along with the remains of the dock. The concrete docks themselves appear clean at this time. The nearest sampling location CAV-SL-14 indicates creosote waste in the upper two feet of fill and brown clayey fine sand. Monitoring wells CAV-OW-11 and CAV-OW-01 bracket the area. Well 01 has no evidence of waste in its log while Well 11 which is near Area (5) indicates creosote waste.

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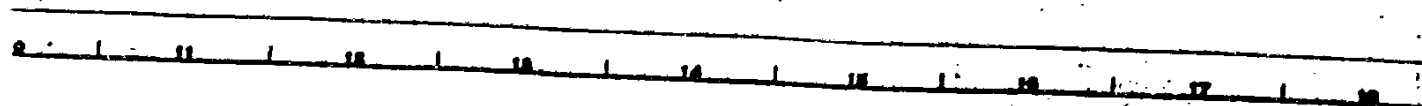
Page 2

It appears from the basis of this data that Area (4) has generally shallow contamination associated with "product" spills.

Location Area entitled (5) has been identified as two "spray ponds" associated with the "tar products" plant located on this parcel of land. The ponds appear to have been of concrete construction and were 40' x 50' x 4'6" and 36'7½" x 53'6" x 4'6" deep. CAV-OW-11 is located about 80 feet south of the ponds. Creosote wastes are apparent in the log from 4 feet to 19 feet.

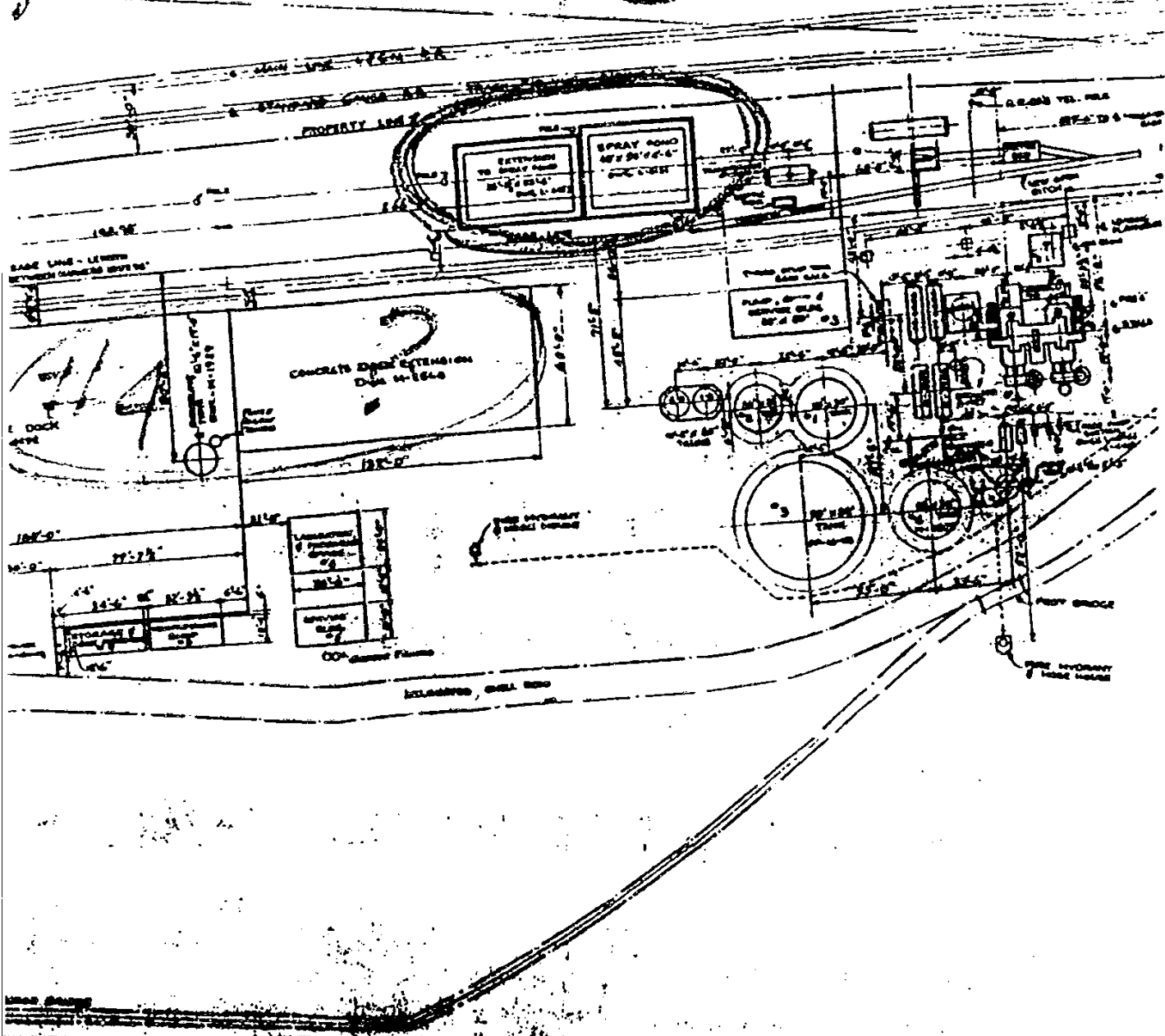
C. P. Brush
5/30/84

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#15

1000 FT.



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LETTER OF TRANSMITTAL



TO: Koppers Company, Inc.
Koppers Building
Room 1201
Pittsburgh, Pennsylvania 15219
ATTENTION: Mr. Charles Brush, P.E.

FROM: McClelland Engineers, Inc.
P.O. Box 740010
Houston, Texas 77274
Tel. (713)/772-3700

Re: Collingsworth Site
Houston, Texas

Date: 5/3/84

Your Job No.

Our Job No.: 0184-8033

We are sending you, ☒ herewith ☐ separately, via Express Mail the following items: ☒ Aerial Photographs

☐ Reports ☐ Prints ☐ Boring Logs ☐ Specifications ☐ Calculations ☐ Copy of Letter

| Copies | Date or Number | Description |
|--------|----------------|---------------------------|
| 2 | 722-2-43 | 1933 Tobin photo |
| 2 | BQY-4C-144B | 1946 USDA photo |
| 2 | BQY-13M-1230 | 1953 USDA photo |
| 2 | BQY-3FF-144B | 1964 USDA photo |
| 4 | N.A. | half-tone, 100% negatives |

These are transmitted:

- ☐ As Requested
- ☐ As Requested By: _____
- ☒ For Your Information and Use
- ☐ For Your Action
- ☐ For Your Files
- ☐ For Approval
- ☐ For Review and Comment
- ☐ As a Correction to Our Report, Dated _____
- ☐ Resubmit _____ Copies for Approval
- ☐ Submit _____ Copies for Distribution
- ☐ _____
- ☐ Returned After Loan to Us
- ☐ Please Return

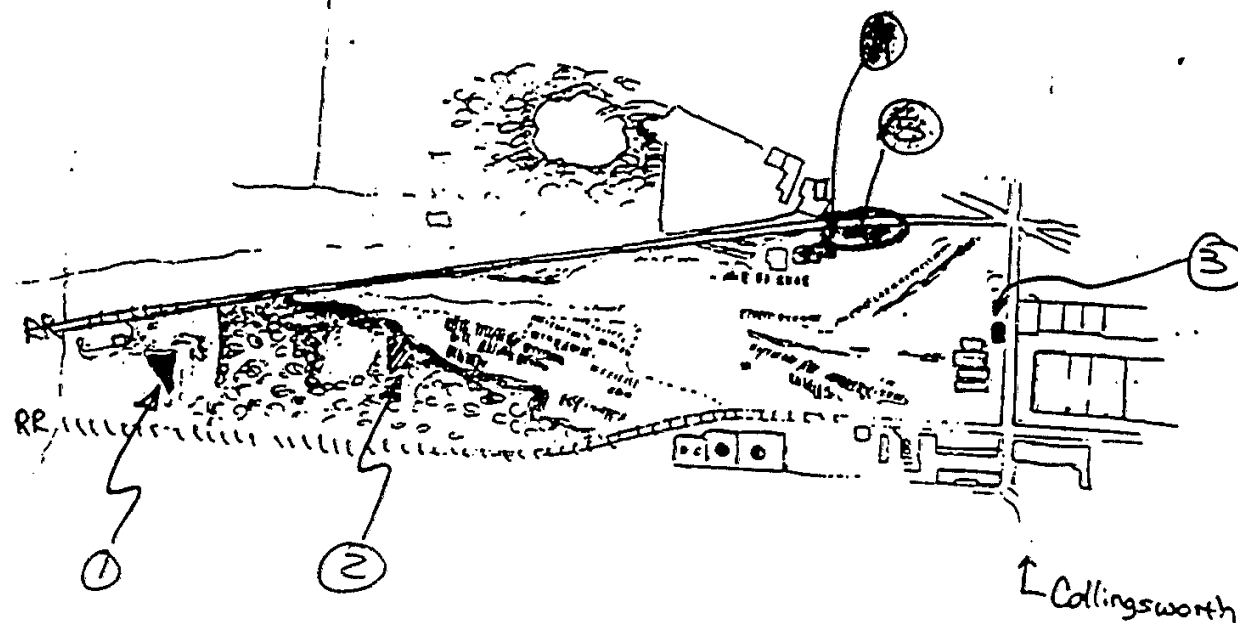
Remarks: The 1953 photo will be sent under separate cover. Each photo is identified by a sticker on the back side.

Signed: William E. Tobin

☐ Reply Requested

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N ↑



1" = Approx. 666'
Date: 1961
Tracing of Aerial Photograph

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Cavalcade Site Summary

The Cavalcade site is an abandoned creosote wood-treating waste disposal site. Contaminants at the site consist of polynuclear aromatic compounds associated with creosote, in addition to other similar contaminants. The site covers approximately 20 acres and is located about one mile southwest of the intersection of Interstate loop 610 and U. S. Route 59 in Houston, Harris County, Texas. The site is triangular in shape and is bounded on the south by Collingsworth Street with Houston Belt and Terminal rail lines forming approximate boundaries on the remaining two sides. Historical air photographs indicate five waste pits in the site, which have been subsequently filled or paved over. These areas have the largest concentrations of contaminants. Present data indicates widespread surface contamination in addition to soil and ground water contamination.

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